



659 RCAS GLIDING & FLYING SCHOLARSHIP PREPARATION COURSE/GROUND SCHOOL



For many cadets, the obtainment of Wings is a major goal of their cadet career. The attainment of Wings in the Air Cadet program recognizes that the cadet has achieved the requirements and received a Transport Canada Pilots license for either GLIDING or POWERED AIRCRAFT. The Wings program is part of the Air Cadet syllabus and is conducted as a six or seven week summer camp. Also note that there is no fee or charge for the program itself, although cadets who are on scholarships will be responsible for some costs such as Transport Canada approved medical exam, their Pilots License Documentation and some course materials and or pilot tools/supplies.

Flying Scholarships are awarded to only the *highest qualified cadets* on a regional basis. Cadets that receive a Scholarship will have proven themselves through their Squadron participation, aptitude, experience and the results they achieve on a standard test administered by Royal Canadian Air Cadets. Not all cadets who participate in the program and apply for a Scholarship will receive one; however, a cadet must do both in order to have a chance to be awarded a Scholarship.

There are some pre-requisites to being allowed to apply for a Flying scholarship as outlined below:

GLIDING SCHOLARSHIP

- Level 3 attained
- 16 years old by Aug 21 2015
- Grade 9 student or above in current year

POWER SCHOLARSHIP

- Level 4 attained
- 17 years old by Aug 21 2015
- Grade 10 student or above in current year

NOTE: these requirements are for a Flying Scholarship Award. Cadets do NOT need to meet these, in order to participate in the preparation course but they must be committed to complete the entire course with enthusiasm.

It is not required that a Cadet complete a Gliding Scholarship before a Power one but it is recommended and the most common approach.

659 Squadron is hoping and expecting to put forward candidates for Gliding and Power Flying Scholarships in 2016. In order to prepare cadets for the process, **we will join a multi-Squadron Flying Scholarship prep course on two weekends; Oct 24-25 and November 21-22. These sessions will be hosted by 99 Squadron in Orillia.** There will be a final review session on **January 2, 2016.** In addition to these weekend group sessions, we will have our own 659 Squadron subject reviews / group tutoring on **November 7 and one day TBD in December.** This course will cover the required subject matter to prepare cadets for the mandatory qualification

exam that will take place in February 2016. The prep course is essentially equivalent to a "Ground school" covering the theory of the many subjects that will be covered in the exam and ultimately in the requirements to achieve a Pilot License and Air Cadet Wings. The program is quite comprehensive covering subjects such as; Air Regulations (laws), Theory of Flight, Meteorology, Airframes and Aerodromes. The group course in Orillia It will be taught by pilots, aircraft mechanics and other highly qualified personnel. The 659 review sessions will be staffed by O.C. Bill Bunting, a previously qualified Flying Instructor, Commercial pilot and Air Cadet Wings recipient and Civilian Instructor Kate Sauren, an experienced instructor at 659. Course details are below.

99 SQUADRON (Orillia) FLYING SCHOLARSHIP Weekend Concentration

Weekend 1 - 24/25 Oct 2015

Weekend 2 - 21/22 Nov 2015

Full Review - 2 Jan 2016

Meals will be available at a cost of \$7 for lunch. We will arrange for car transport from Pefferlaw Lions Hall (**7:30 am** TBC) to Orillia and return (**6:00 pm** TBC) each day. Please bring your own snacks or packed lunch if you prefer.

November 6 group tutoring/review **Nov. 7, 2015 and a date in Dec. TBD - 9:30 am to 3:00 pm**, Pefferlaw Lions Hall. Bring your lunch, drinks and snacks.

Attendees are expected to have their own copy of "From the Ground Up", by Sandy MacDonald (ISBN 978-0-9730036-3-5). This book is a necessity for anyone wanting to obtain a pilot's licence in Canada. The cost is about \$60 plus HST and is available on-line, in the book store at Buttonville Airport or from Aviation World near Pearson Airport in Toronto.

SUMMER READING - for those that are SERIOUS about applying for a Gliding or Power Scholarship next year the following chapters of From the Ground Up should be read at least THREE times and basically understood.

- Chapter 1 "The Airplane" – Glider and Power the entire chapter.
- Chapter 2 "Theory of Flight" – Glider and Power the entire chapter.
- Chapter 3 "Aero Engines" – Power only the entire chapter.
- Chapter 4 "Aerodromes" Glider part 4.1, Power parts 4.1 and 4.2.
- Chapter 5 "Air Rules and Procedures" Glider and Power the entire chapter.
- Chapter 6 "Aviation Weather" Glider and Power the entire chapter.
- Chapter 7 "Air Navigation" Power only the entire chapter.
- Chapter 8 "Radio" Power only the entire chapter.
- Chapter 9 "Radio Navigation" Power only the entire chapter once.
- Chapter 10 "Airmanship" Power only the entire chapter once.
- Chapter 11 "Human Factors" Power only the entire chapter once.

Note: This is a lot of reading and work but these Scholarships are very serious. Cadets have the opportunity to participate in an experience that they will remember for the rest of their lives and attain a pilots license worth many thousands of dollars. To put it straight, Cadets need to attain a mark as close to 100% on their application exam to have the best chance of getting a Scholarship. A “Pass” of 51% just won’t do it. Self-study and commitment to the course is essential.

If you are interested in joining us this year for the prep course be sure to get your copy of ‘From the Ground Up’ And read it. If you want to apply for a Scholarship this year – read the recommended chapters several times.

Good Luck to all !

O.C. Bill Bunting

C.I. Kate Sauren